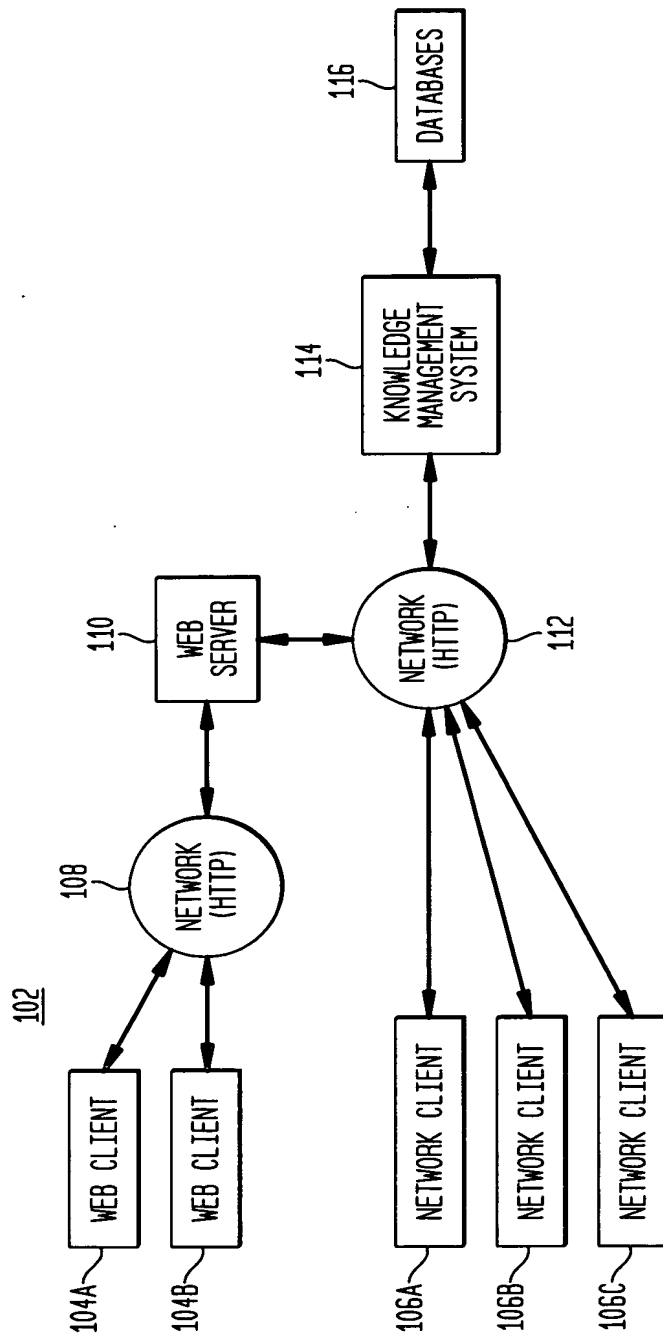


FIG. 1



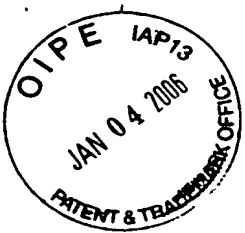
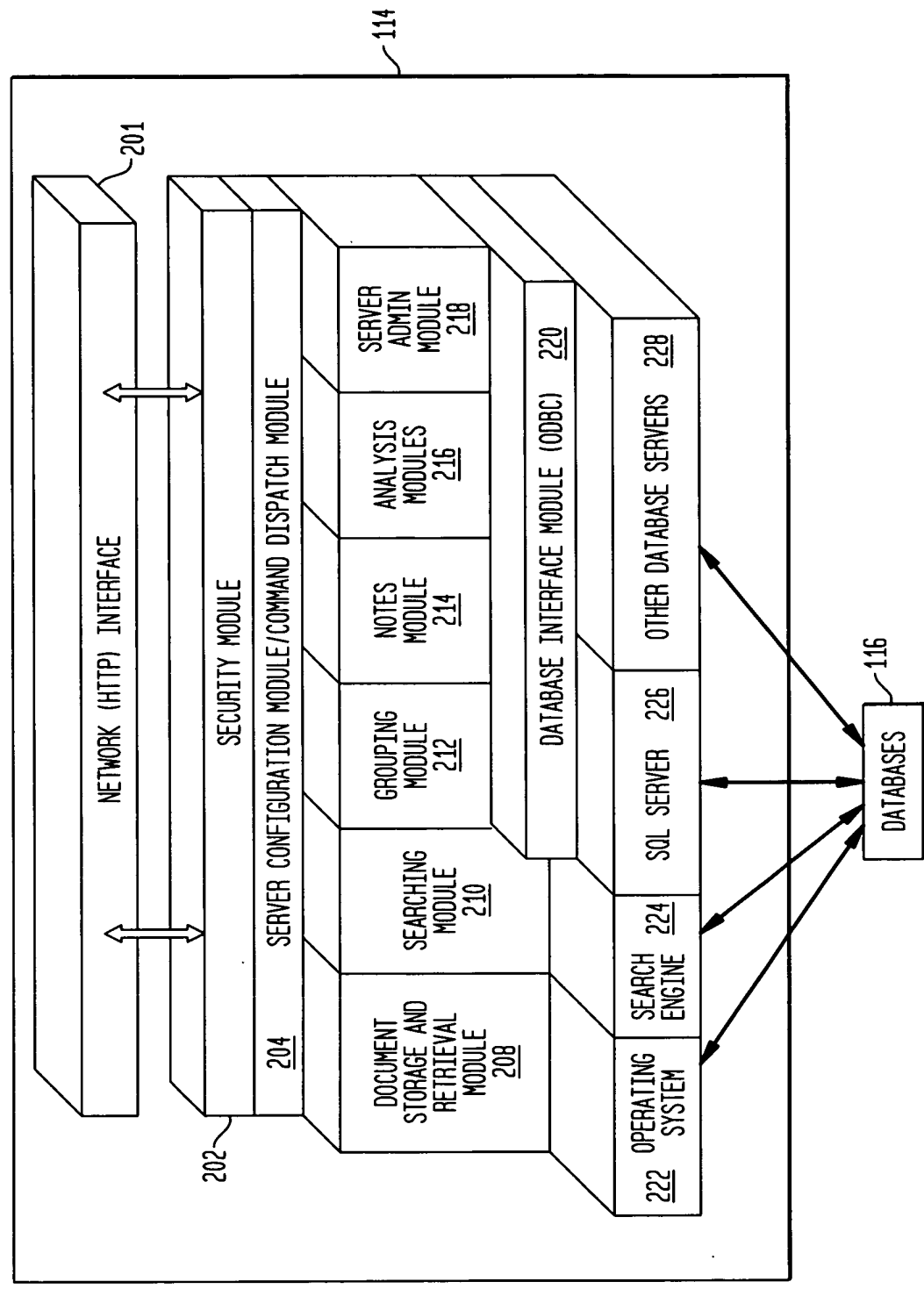
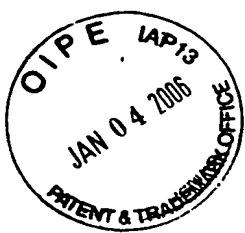


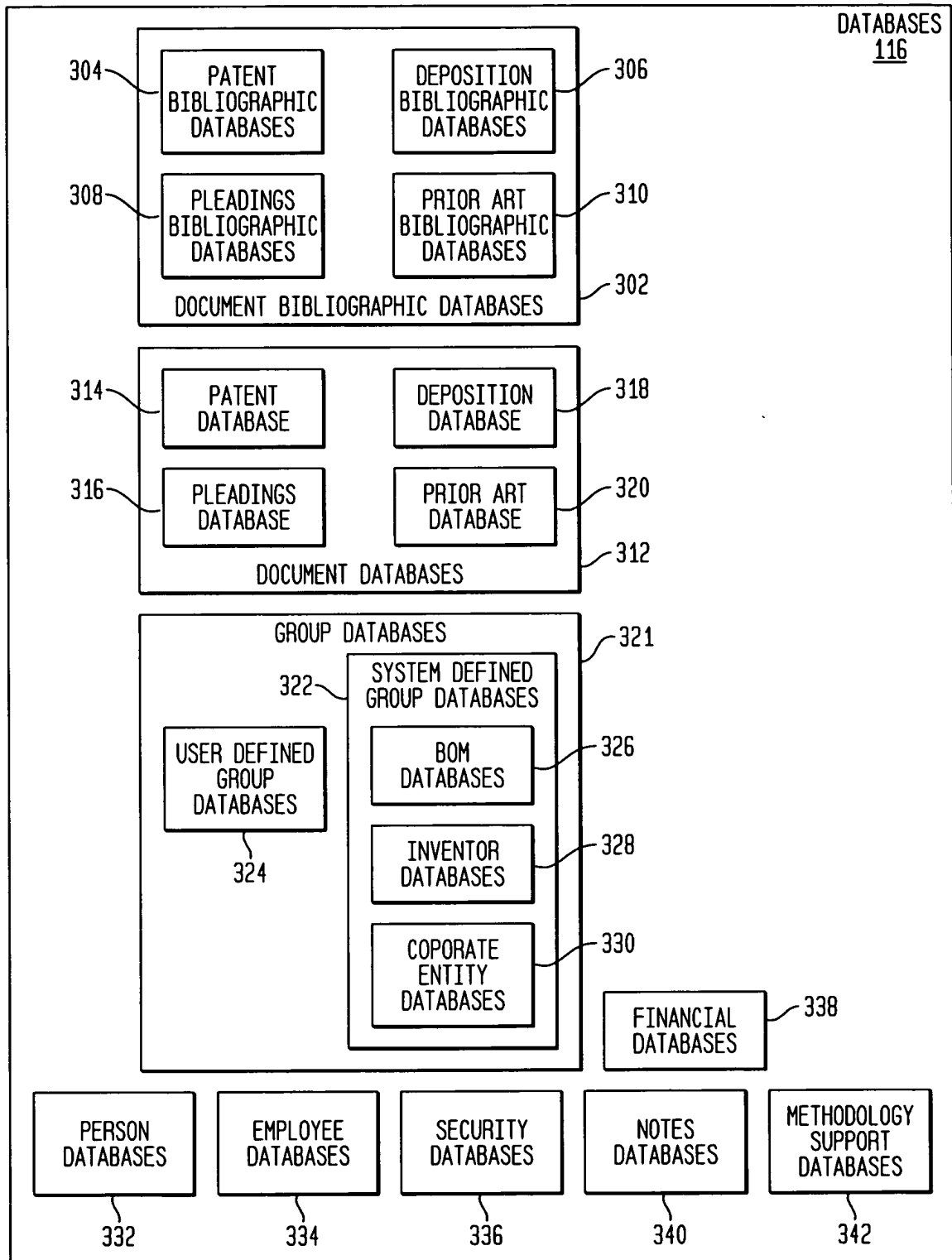
FIG. 2





3/33

FIG. 3



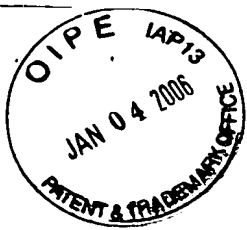


FIG. 4

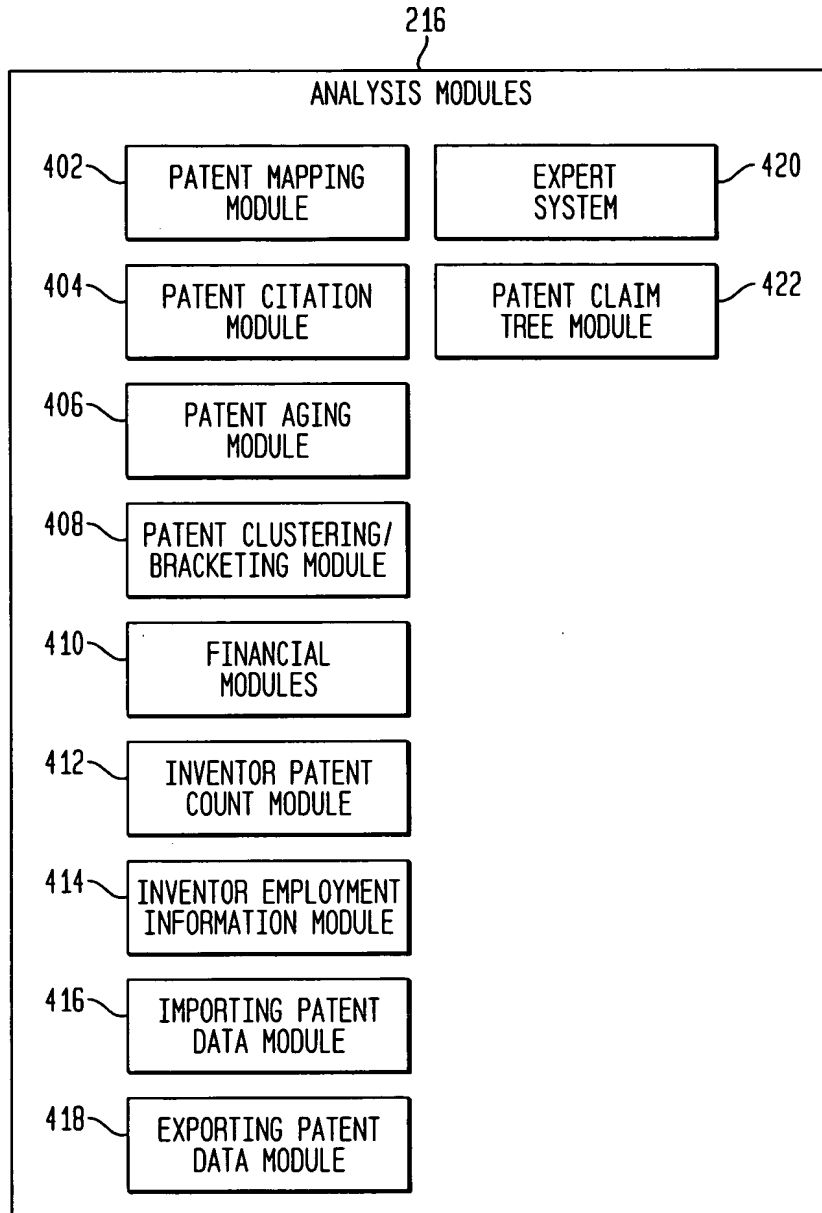
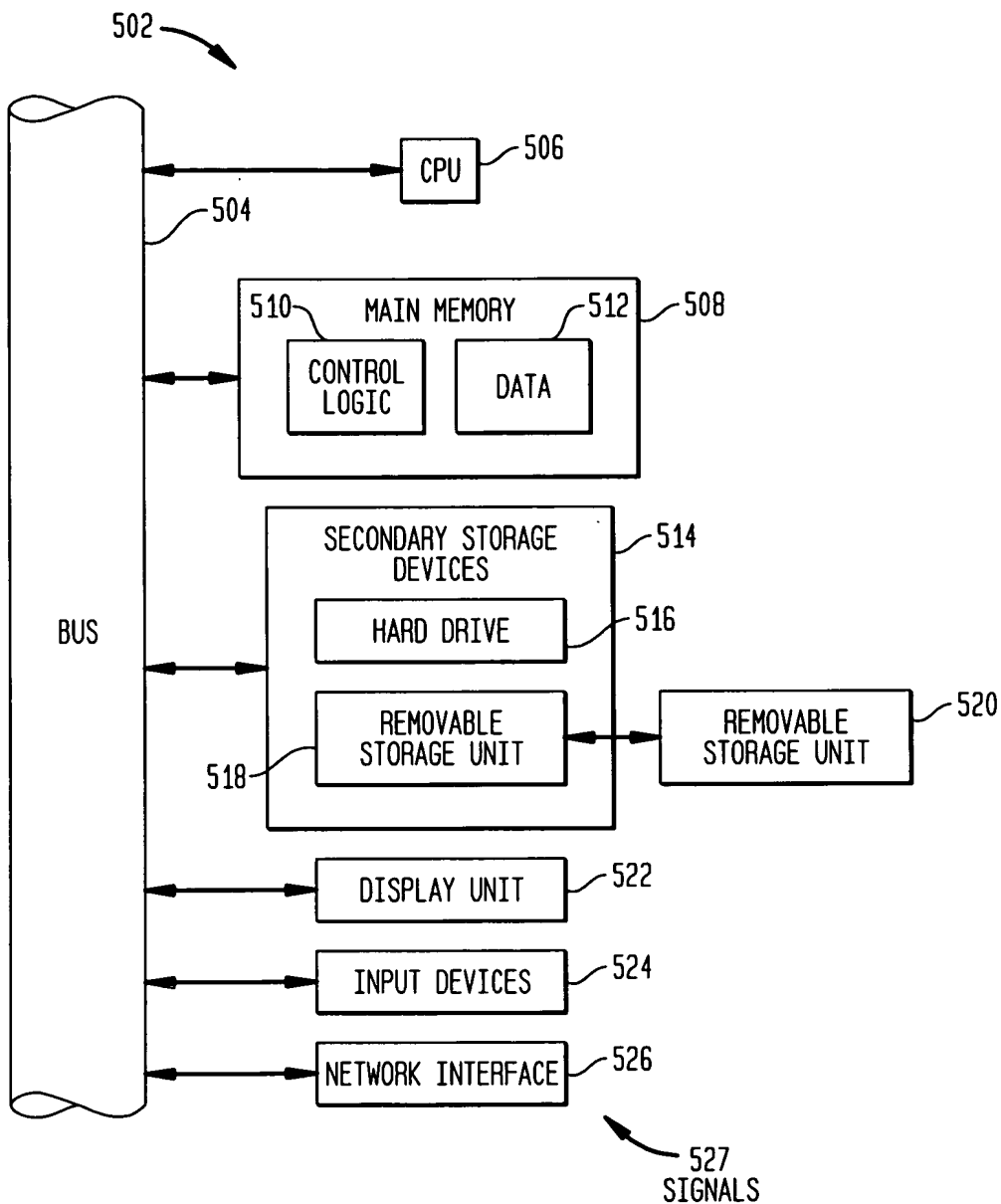
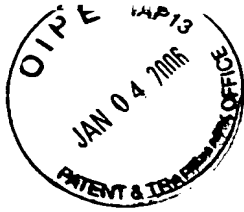




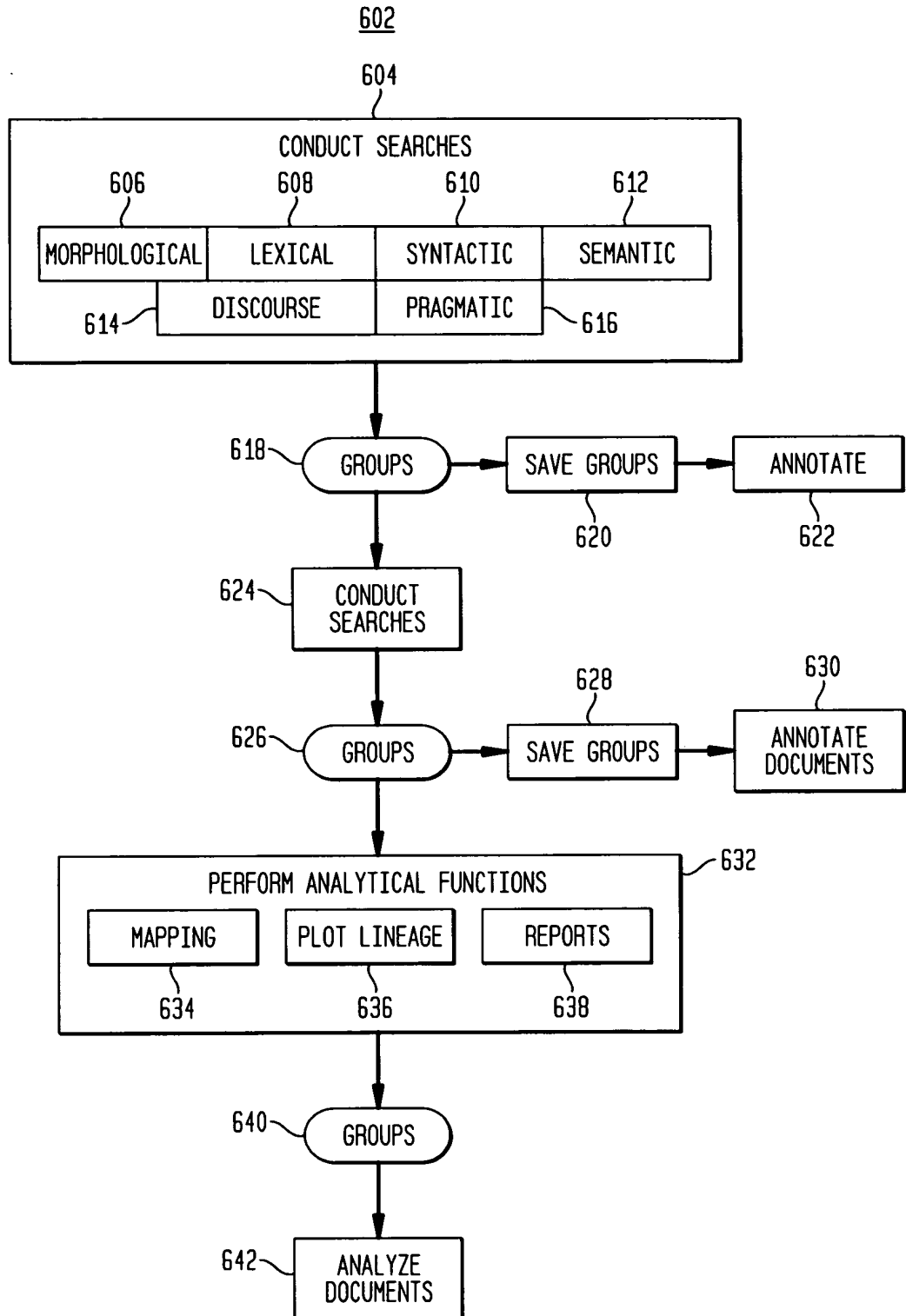
FIG. 5





6/33

FIG. 6



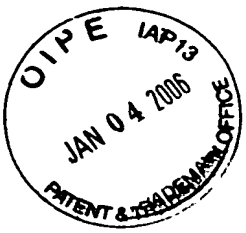


FIG. 7

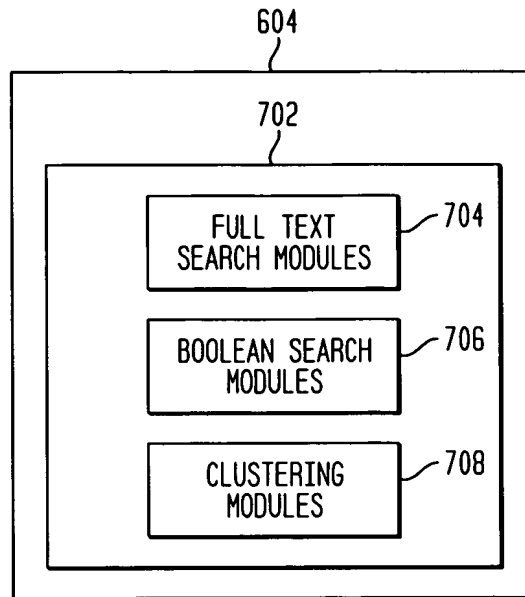


FIG. 8

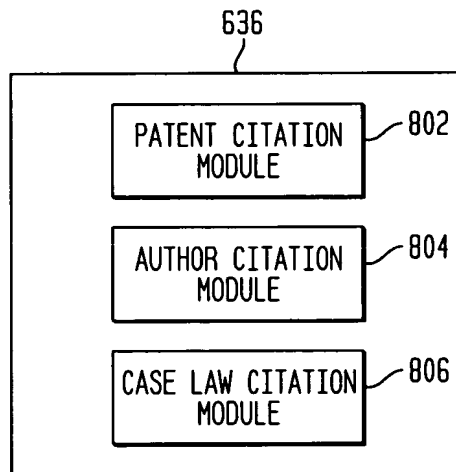
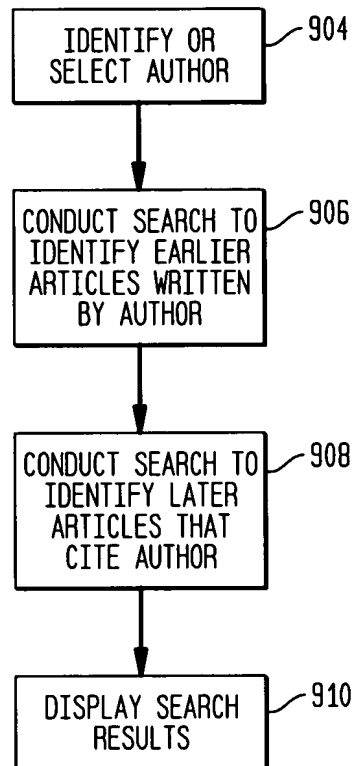




FIG. 9

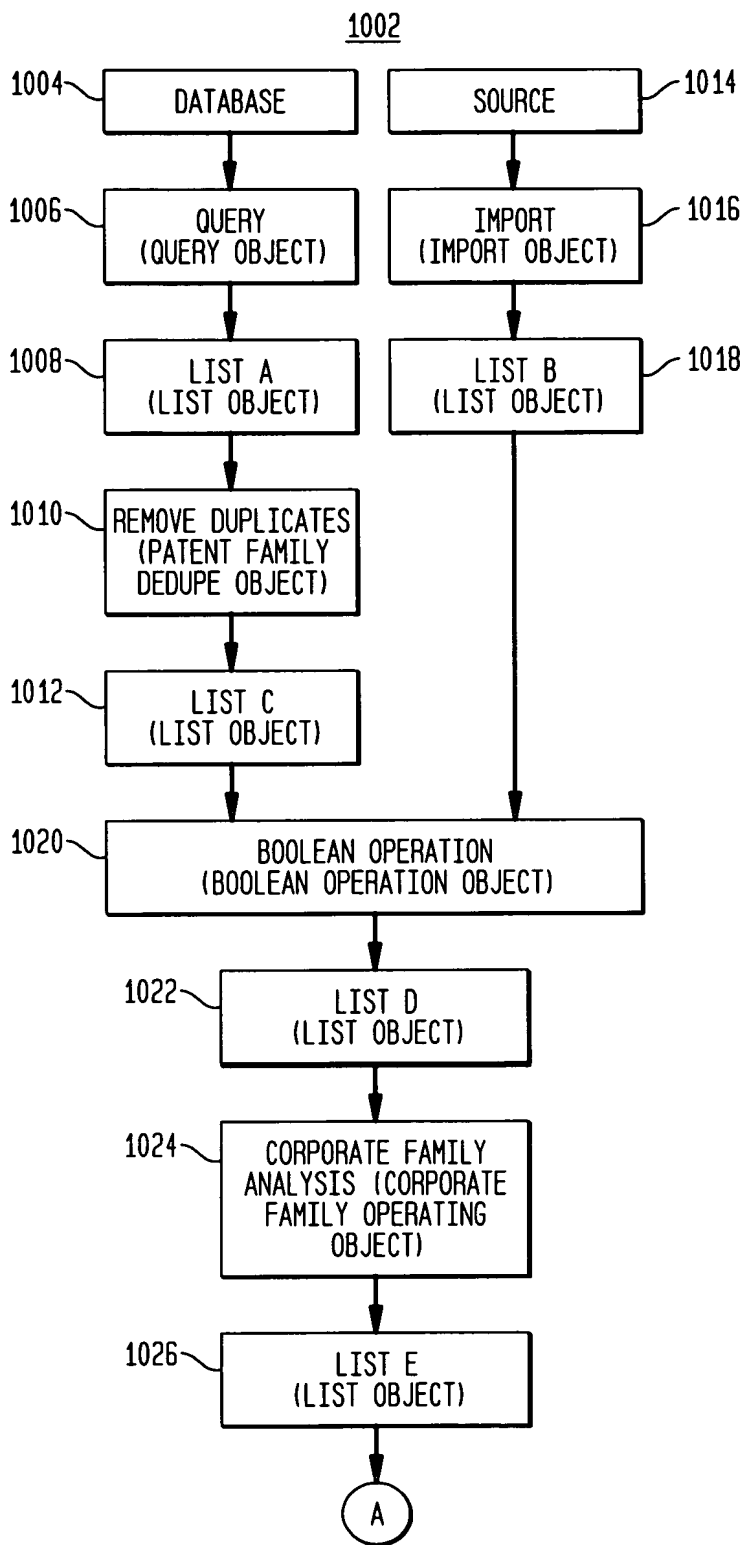
902





9/33

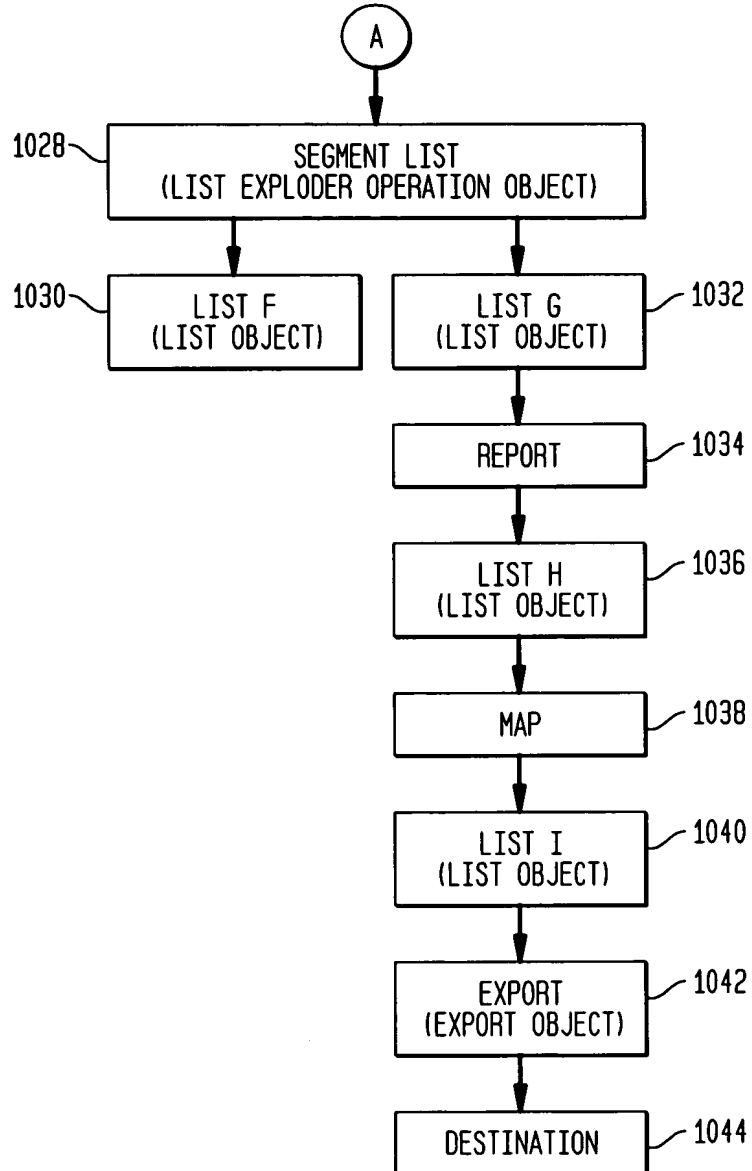
FIG. 10A





10/33

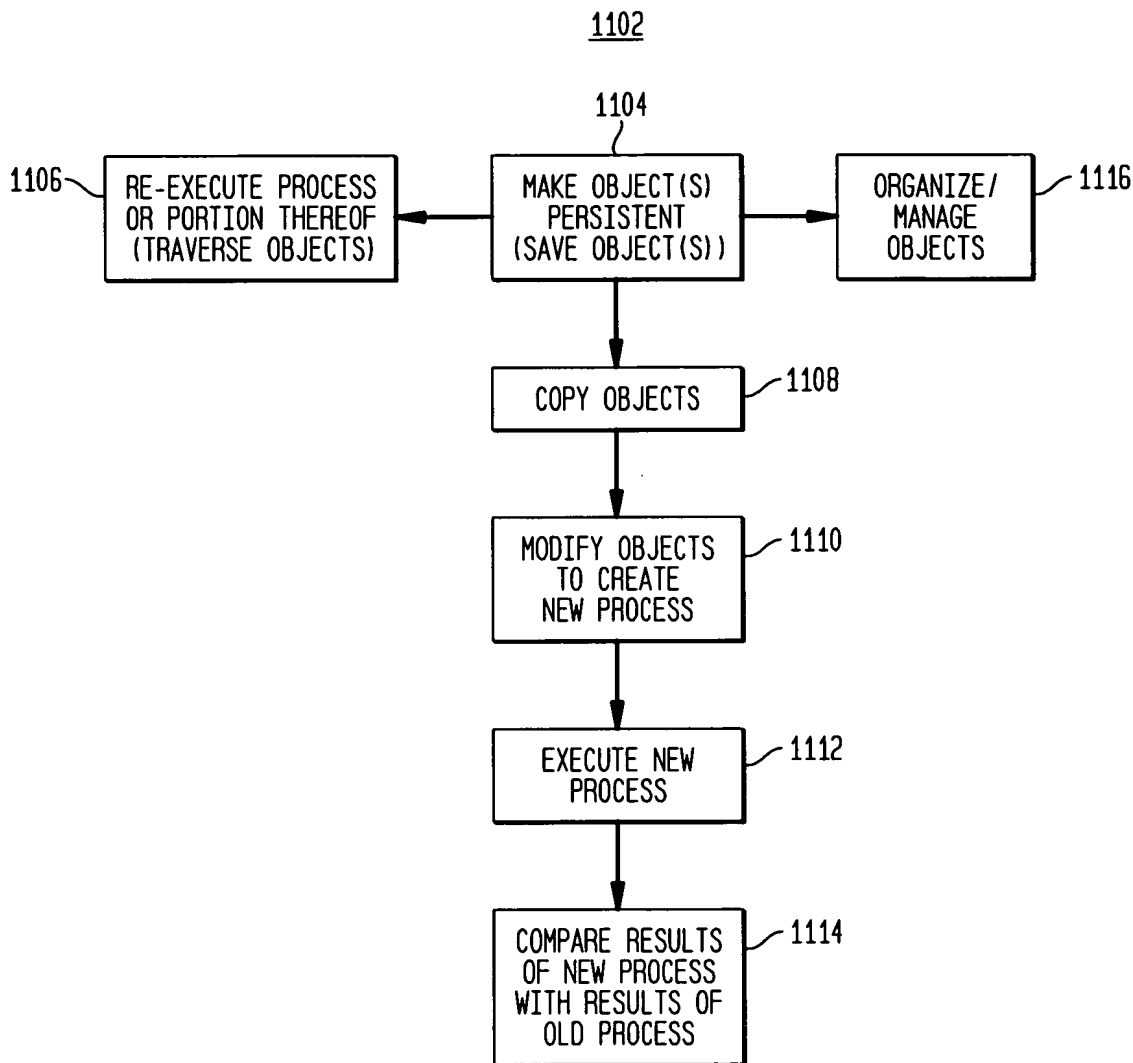
FIG. 10B





11/33

FIG. 11





12/33

FIG. 12

Current Folder: \\aos\companyname\Public Folders\R&D

Object: defects Views Tools

DOCUMENT LIST
CONNECTIONS VIEW

Upstream Connections:

↑

☐ \\aos\companyname\smith\competitors\defects.query

1202

New Connection: ⇒ \\aos\companyname\smith\competitors\defects.query Add

1204

Downstream Connections:

↓

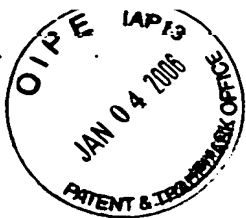
☐ \\aos\companyname\smith\competitors\Lilly\heartvalveAND
☒ \\aos\companyname\Public Folders\R&D\defects.family.dedupe

1206

New Connection: ⇒ \\aos\companyname\smith\competitors\Lilly\defects.export Add

1208

Deselect All Disconnect Selected Save



13/33

FIG. 13

Current Folder: \\aos\companyname\smith\competitors

Object: NewQuery.qry

1312 QUERY OBJECT

Trigger Type: 1302

☐ Manual

☒ Event-Based

☐ Time-Based

Start Trigger: 1304

End Trigger: 1306

☐ No end date

☒ End after: 10 occurrences

☐ End by: Thu 4/5/2001

Event-Based Trigger:

Trigger on change to: 1308

☐ Database: Aurigin Patent Database

☒ Object: \\aos\companyname\Public Folders\R&D\newproj.lst

Time-Based Trigger:

☒ Daily: ☒ Every: 1 day(s) 1310

☐ Every weekday

☐ Weekly Trigger every 1 week(s) on

☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday

☐ Thursday ☐ Friday ☐ Saturday

☐ Monthly ☒ Day 27 of every 1 month(s)

☐ The fourth Tuesday of every 1 month(s)

Save Cancel

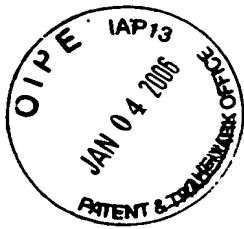


FIG. 14

Current Folder		\\aos\companyname\jsmith\competitors\Lilly\	
Object	antivirals	Views Tools	
DOCUMENT LIST ATTRIBUTE VIEW			
Object Type	Document List		
PathName	\\aos\companyname\jsmith\competitors\Lilly\antivirals		
Object ID	list549		
Description	all Lilly antivirals patents/apps worldwide	Save Description	
Object Version	1.0		
Owner	jsmith		
Create Date	Feb 23 2001		
Modification Date	Feb 27 2001	View Change History	



15/33

FIG. 15

Q	Current Folder	\\aos\companyname\smith\competitors\Lilly\	Q
Object	antivirals	Views Tools	
MODIFICATION HISTORY VIEW			
Date	User	Modification Type	
2/23/2001	administrator	Object created	
		Object Type = List	
		Name = product group 1	
		Path = \\aos\companyname\competitors\Lilly\	
		Owner = administrator	
		Object Version = 1.0	
2/23/2001	administrator	Name changed	
		Name = antivirals	
2/23/2001	administrator	Path changed	
		Path = \\aos\companyname\smith\competitors\Lilly\	
2/23/2001	administrator	Object description changed	
2/23/2001	administrator	Owner changed	
		Owner = antivirals	
2/27/2001	administrator	Owner version updated	
		Object Version = 2.0	
2/27/2001	smith	Permissions changed	
2/27/2001	smith	Annotations changed	
2/27/2001	smith	Contents added	
2/27/2001	smith	Contents deleted	
2/27/2001	smith	Contents modified	
3/5/2001	tjones	Object copied	
		Name = Lilly-Antivirals	
		Path = \\aos\companyname\tjones\competitors	
		Owner = tjones	



16/33

FIG. 16

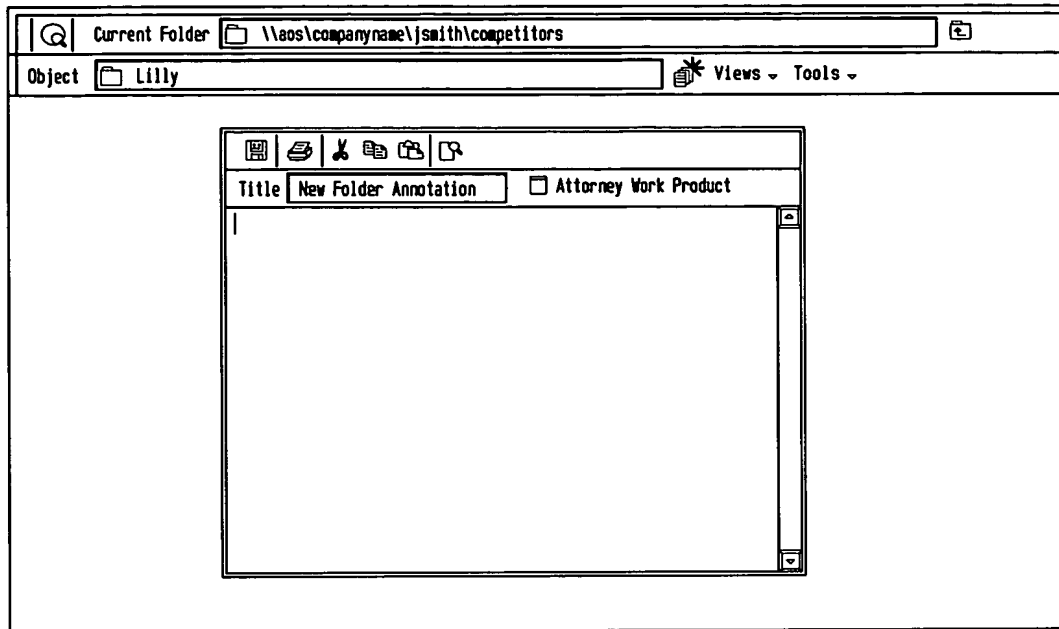
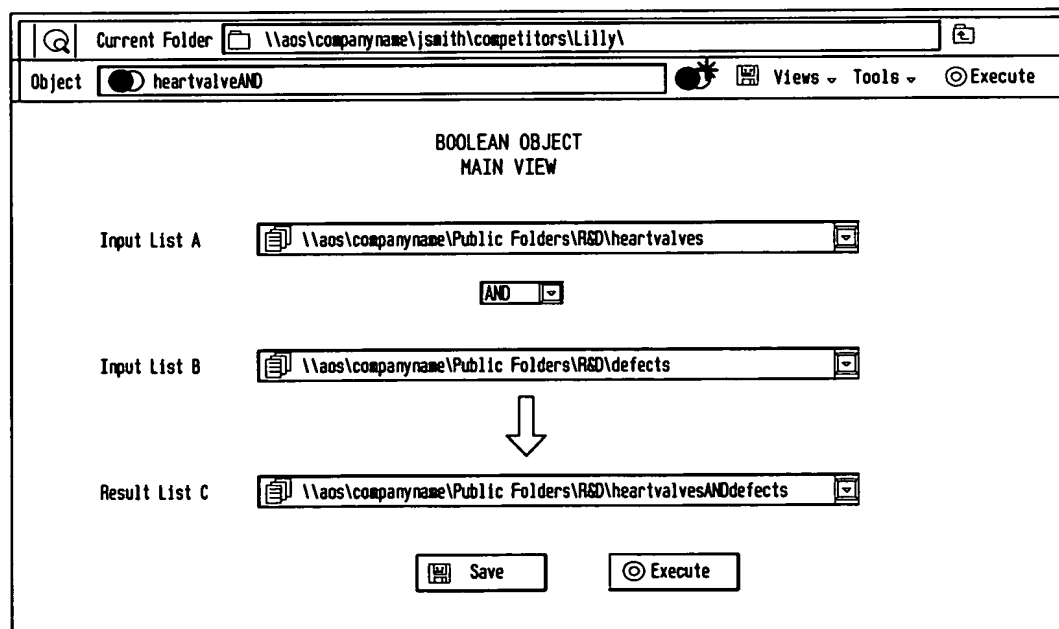


FIG. 17



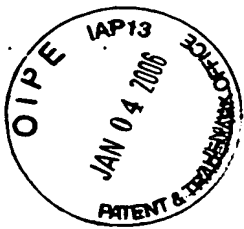
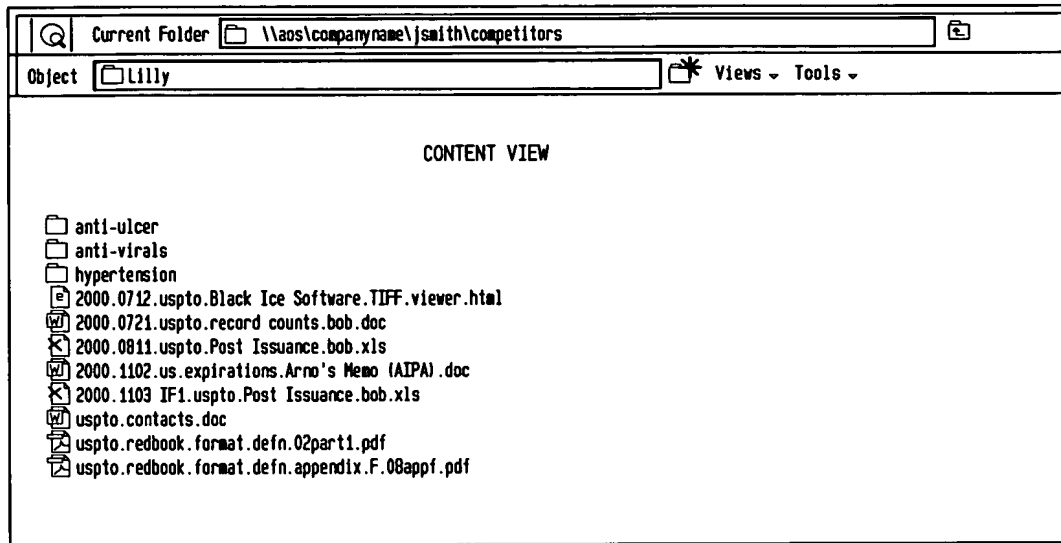
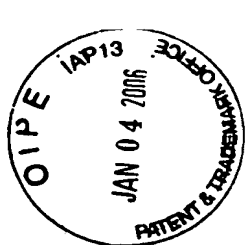


FIG. 18





18/33

FIG. 19

Current Folder: \\aos\companyname\smith\competitors\Lilly\			
Object: antivirals		Views Tools Search	
LIST OBJECT LIST DISPLAY OPTIONS VIEW			
Default View		Documents Per Page	Content Change Type
<input checked="" type="radio"/> Short List View		30	<input checked="" type="radio"/> Auto-Change
<input type="radio"/> Full List View		10	<input type="radio"/> Pending-Change
<input type="radio"/> Abstract List View		5	
<input type="radio"/> Shoebox List View		1	
Show Documents with Document Status:		Sort List by	
<input type="checkbox"/> Active		Assignee <input type="button" value="v"/> <input checked="" type="radio"/> Ascending	
<input checked="" type="checkbox"/> Deleted		<input type="radio"/> Descending	
<input type="checkbox"/> Pending-Add		Then by	
<input checked="" type="checkbox"/> Pending-Delete		IPC Code <input type="button" value="v"/> <input checked="" type="radio"/> Ascending	
		<input type="radio"/> Descending	
		Then by	
		Priority Date <input type="button" value="v"/> <input checked="" type="radio"/> Ascending	
		<input type="radio"/> Descending	
Show Document View Links			
<input type="checkbox"/> Standard View		<input checked="" type="checkbox"/> Aurigin Family View	<input checked="" type="checkbox"/> Summary Page View
<input checked="" type="checkbox"/> Fulltext View		<input type="checkbox"/> Derwent Family View	<input checked="" type="checkbox"/> PDF Image View
<input checked="" type="checkbox"/> Claims View			<input checked="" type="checkbox"/> HTML Image View
Show Fields:			
Short List View	Full List View	Abstract List View	Shoebox List View
<input checked="" type="checkbox"/> Country Code	<input checked="" type="checkbox"/> Country Code	<input checked="" type="checkbox"/> Country Code	<input checked="" type="checkbox"/> Country Code
<input checked="" type="checkbox"/> Kind Code	<input checked="" type="checkbox"/> Kind Code	<input checked="" type="checkbox"/> Kind Code	<input checked="" type="checkbox"/> Kind Code
<input checked="" type="checkbox"/> Doc ID	<input checked="" type="checkbox"/> Doc ID	<input checked="" type="checkbox"/> Doc ID	<input checked="" type="checkbox"/> Doc ID
<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Title
<input checked="" type="checkbox"/> Priority Date	<input checked="" type="checkbox"/> Priority Date	<input checked="" type="checkbox"/> Priority Date	<input checked="" type="checkbox"/> Priority Date
<input checked="" type="checkbox"/> Filing Date	<input checked="" type="checkbox"/> Filing Date	<input checked="" type="checkbox"/> Filing Date	<input checked="" type="checkbox"/> Filing Date
<input checked="" type="checkbox"/> Publication Date	<input checked="" type="checkbox"/> Publication Date	<input checked="" type="checkbox"/> Publication Date	<input checked="" type="checkbox"/> Publication Date
<input checked="" type="checkbox"/> Assignees	<input checked="" type="checkbox"/> Assignees	<input checked="" type="checkbox"/> Assignees	<input checked="" type="checkbox"/> Assignees
<input checked="" type="checkbox"/> Inventors	<input checked="" type="checkbox"/> Inventors	<input checked="" type="checkbox"/> Inventors	<input checked="" type="checkbox"/> Inventors
<input checked="" type="checkbox"/> IPC Code	<input checked="" type="checkbox"/> IPC Code	<input checked="" type="checkbox"/> IPC Code	<input checked="" type="checkbox"/> IPC Code
<input checked="" type="checkbox"/> USPC Code	<input checked="" type="checkbox"/> USPC Code	<input checked="" type="checkbox"/> USPC Code	<input checked="" type="checkbox"/> USPC Code
<input checked="" type="checkbox"/> Legal Status	<input checked="" type="checkbox"/> Legal Status	<input checked="" type="checkbox"/> Legal Status	<input checked="" type="checkbox"/> Legal Status
<input checked="" type="checkbox"/> Doc Status	<input checked="" type="checkbox"/> Doc Status	<input checked="" type="checkbox"/> Doc Status	<input checked="" type="checkbox"/> Doc Status
<input checked="" type="checkbox"/> Change Source	<input checked="" type="checkbox"/> Change Source	<input checked="" type="checkbox"/> Change Source	<input checked="" type="checkbox"/> Change Source
<input checked="" type="checkbox"/> Status Change Date	<input checked="" type="checkbox"/> Status Change Date	<input checked="" type="checkbox"/> Status Change Date	<input checked="" type="checkbox"/> Status Change Date
<input checked="" type="checkbox"/> Doc View Links	<input checked="" type="checkbox"/> Doc View Links	<input checked="" type="checkbox"/> Doc View Links	<input checked="" type="checkbox"/> Doc View Links
<input checked="" type="checkbox"/> Abstract	<input checked="" type="checkbox"/> Abstract	<input checked="" type="checkbox"/> Abstract	<input checked="" type="checkbox"/> Abstract
<input checked="" type="checkbox"/> Front Page Thumbnail	<input checked="" type="checkbox"/> Front Page Thumbnail	<input checked="" type="checkbox"/> Front Page Thumbnail	<input checked="" type="checkbox"/> Front Page Thumbnail
<input checked="" type="checkbox"/> Primary Drawing	<input checked="" type="checkbox"/> Primary Drawing	<input checked="" type="checkbox"/> Primary Drawing	<input checked="" type="checkbox"/> Primary Drawing
<div>Save Cancel</div> <div>List Content Views: Short Full Abstract Shoebox</div>			



19/33

FIG. 20

Q

Current Folder

\\aos\companyname\smith\competitors\Lilly\

Object

antivirals

Views

Tools

LIST OBJECT

SHORT LIST VIEW

List Content Views: Short Full Abstract Shoebox

Set View Options

150 Documents

Results 1-20

Page 1 of 8 Go

Prev Next

	Select	Country Code	Doc ID	Doc Kind	Title	Pub Date	Status	Status Change Date	Change Source	View Document
1	<input checked="" type="checkbox"/>	US	3883561	A1	Antibiotic lactones	5/13/1975	A	2/24/2001	Query549	T C
2	<input checked="" type="checkbox"/>	US	3903371	A1	Mycophenolic acid derivatives	9/2/1975	A	2/24/2001	Query549	T C
3	<input checked="" type="checkbox"/>	US	3990527	A1	Anti-viral method in animals	11/30/1976	PA	3/7/2001	Query549	T C
4	<input checked="" type="checkbox"/>	US	4035481	A1	Antibiotic A-28086 and process fo	7/12/1977	A	2/24/2001	Bool123	T C
5	<input checked="" type="checkbox"/>	US	4053598	A1	Acylation of pyrazofurin	10/11/1977	PO	3/7/2001	Query549	T C
6	<input checked="" type="checkbox"/>	US	4035224	A1	Method of increasing feed utilizatio	4/18/1978	PA	3/7/2001	Query549	T C
7	<input checked="" type="checkbox"/>	US	4115197	A1	Procedure for obtaining penicillium	9/19/1978	A	2/24/2001	Query549	T C
8	<input checked="" type="checkbox"/>	US	4133876	A1	Antibiotic A-32887 and process	1/9/1979	O	2/28/2001	Manual	T C
9	<input checked="" type="checkbox"/>	US	4141907	A1	Deoxynarasin antibiotics	2/27/1979	A	2/24/2001	Query549	T C
10	<input checked="" type="checkbox"/>	US	4153695	A1	Substituted 2,3-dihydro imidazol	5/8/1979	A	2/24/2001	Bool123	T C
11	<input checked="" type="checkbox"/>	US	3883561	A1	Antibiotic lactones	5/13/1975	A	2/24/2001	Query549	T C
12	<input checked="" type="checkbox"/>	US	3903371	A1	Mycophenolic acid derivatives	9/2/1975	A	2/24/2001	Query549	T C
13	<input checked="" type="checkbox"/>	US	3990527	A1	Anti-viral method in animals	11/30/1976	PA	3/7/2001	Query549	T C
14	<input checked="" type="checkbox"/>	US	4035481	A1	Antibiotic A-28086 and process fo	7/12/1977	A	2/24/2001	Query549	T C
15	<input checked="" type="checkbox"/>	US	4053698	A1	Acylation of pyrazofurin	10/11/1977	O	2/28/2001	Manual	T C
16	<input checked="" type="checkbox"/>	US	4085224	A1	Method of increasing feed utilizatio	4/18/1978	O	2/28/2001	Manual	T C
17	<input checked="" type="checkbox"/>	US	4115197	A1	Procedure for obtaining penicillium	9/13/1978	O	2/28/2001	Bool123	T C
18	<input checked="" type="checkbox"/>	US	4133876	A1	Antibiotic A-32887 and process	1/9/1979	A	2/24/2001	Query549	T C
19	<input checked="" type="checkbox"/>	US	4141907	A1	Deoxynarasin antibiotics	2/27/1979	A	2/24/2001	Query549	T C
20	<input checked="" type="checkbox"/>	US	4153695	A1	Substituted 2,3-dihydro imidazol	5/8/1979	A	2/24/2001	Query549	T C

Select All

DeSelect All

Accept Selected Pending

X Delete Selected

150 Documents

Results 1-20

Page 1 of 8 Go

Prev Next



20/33

FIG. 21

LIST OBJECT FULL LIST VIEW										
List Content Views: Short Full Abstract Shoebox Set View Options										
150 Documents Results 1-10 Page <input type="text" value="1"/> of 15 <input type="button" value="Go"/> Prev Next										
	Select	Country Code	Doc ID	Doc Kind	Title	Assignees	Inventors	Pub Date	IPC Code	View Document
1	<input checked="" type="checkbox"/>	US	3883561	A1	Antibiotic lactones	Eli Lilly and Company	Michel, Karl H., Hoehn, Marvin H.	5/13/1975	C07d/00	T C
2	<input checked="" type="checkbox"/>	US	3903371	A1	Mycophenolic acid derivatives	Eli Lilly and Company	Holmes, Richard E.	9/2/1975	[2]C07H/00	T C
3	<input checked="" type="checkbox"/>	US	3990527	A1	Anti-viral method in animals	Eli Lilly and Company	GALE, CHARLES, McDougal, Larry R.	11/30/1976	[2]A61K/66, [2]A61K/71	T C
4	<input checked="" type="checkbox"/>	US	4035481	A1	Antibiotic A-28086 and process for production thereof	Eli Lilly and Company	Berg, David H., HAMILL, ROBERT L., Hoehn, Marvin H.	7/12/1977	[2]A61K/00	T C
5	<input checked="" type="checkbox"/>	US	4053598	A1	Acylation of pyrazofurin	Eli Lilly and Company	Gutowski Gerald E.	10/11/1977	[2]C07D/40, [2]C07H/06, [2]C07D/38, [2]C07H/02	T C
6	<input checked="" type="checkbox"/>	US	4085224	A1	Method of increasing feed utilization	Eli Lilly and Company	Berg, David H., HAMILL, ROBERT L., Hoehn, Marvin H.	4/18/1978	[2]A61K/35	T C
7	<input checked="" type="checkbox"/>	US	4115197	A1	Procedure for obtaining penicillium species mutants with improved ability to synthesize mycophenolic acid	Eli Lilly and Company	Queener, Stephen V., Nash III, Claude H.	9/19/1978	[2]C12K/02, [2]C12Q/10, [2]C12Q/06	T C
8	<input checked="" type="checkbox"/>	US	4133876	A1	Antibiotic A-32887 and process for production thereof	Eli Lilly and Company	HAMILL, ROBERT L., Hoehn, Marvin H.	1/9/1979	[2]A61K/06	T C
9	<input checked="" type="checkbox"/>	US	4141907	A1	Deoxynasarin antibiotics	Eli Lilly and Company	Nakatsukasa, Walter H., HAMILL, ROBERT L., MARCONI, GARY G., Neuss, Norbert	2/27/1979	[2]A51K/35, [2]C07D/22	T C
10	<input checked="" type="checkbox"/>	US	4153695	A1	Substituted 2,3-dihydro imidazol[1,2-c]pyrimidines	Eli Lilly and Company	Turner, William W.	5/8/1979	[2]A51K/605, [2]C07D/04	T C

150 Documents Results 1-10 Page of 15 [Prev](#) | [Next](#)



21/33

FIG. 22

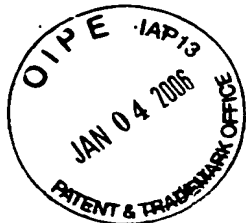
Current Folder \\aos\companyname\smith\competitors\Lilly\			
Object antivirals		Views ▾	Tools ▾ Search
LIST OBJECT SHOEBOX LIST VIEW			
Document	<input type="text" value="1"/> of 27 <input type="text" value="Go"/>	Prev Next	
<input checked="" type="checkbox"/> MULTIPLE UNIT PRECIPITATOR APPARATUS Doc Id: US 3631655A1 Assignee: Buell Engineering Company, Inc. Pub Date: 01/04/1972 T C			
<input type="button" value="Select All"/> <input type="button" value="DeSelect All"/>		<input type="button" value="Accept Selected Pending"/> <input type="button" value="X Delete Selected"/>	
Document	<input type="text" value="1"/> of 27 <input type="text" value="Go"/>	Prev Next	
List Content Views: <u>Short</u> <u>Full</u> <u>Abstract</u> Shoebox		<u>Set View Options</u>	



22/33

FIG. 23

Current Folder		\\aos\companyname\smith\competitors					
Object	NewQuery.qry		Views Tools Search				
Search Target:							
<input type="radio"/> Database: Aurigin Patent Database							
<input checked="" type="radio"/> List: \\aos\companyname\Public Folders\R&D\newproj.lst							
Document Type							
Granted Patents							
	US	PCT	JP	EP	DE	GB	Global
Applications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Granted Patents	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Match							
All Fields							
Document ID							
Entire Document							
Title Only							
Abstract Only							
Claims Only							
Assignee							
Inventor							
Issue Pub Date							
Any and (mm/dd/yyyy)							
Filing Date							
Any and (mm/dd/yyyy)							
US Class							
Int'l Class							
Search							



23/33

FIG. 24

Current Folder: \\aos\companyname\smith\competitors\Lilly\

Object: Custom.family.deduper Views Tools Execute

PATENT FAMILY DEDUPE OBJECT
DOCUMENT RETENTION PRIORITY VIEW

Upstream (Input) List: \\aos\companyname\Public Folders\R&D\newproj

Downstream (Output) List: \\aos\companyname\Public Folders\R&D\newproj.deduped

Available document sources		Retain Documents in this order
Aurigin Family Record	Add ->	US Grant
Derwent MPI Family Record		EP Grant (PubLang - English)
DE Application	<- Remove	GB Grant
DE Grant		US Application
EP Application (PubLang - English)	Move Up	EP Application (PubLang - English)
EP Grant (PubLang - English)		WO Application (PubLang - English)
FR Application	Move Down	GB Application
FR Grant		JP Grant
GB Application		JP Application
GB Grant		DE Grant
JP Application		DE Application
JP Grant		FR Grant

OK Cancel

Execute



FIG. 25

Current Folder: \\aos\companyname\jsmith\competitors\Lilly\

Object: Custom.family.deduper Views Tools

**PATENT FAMILY DEDUPE OBJECT
FAMILY DEFINITION VIEW**

Standard Family Definition:

- ☐ Inpadoc Family
- ☐ Derwent Family

Custom Family Definition:

- ☒ Identical Priority Family
- ☐ Priority-in-Common Family

Components for Custom Family Definitions:

Application Level:

- ☒ Application to Priority
- ☐ Continuation in Part to Application
- ☐ Post-Issuance to Application
(Supplemental Search Reports, Corrections, etc)
- ☒ Transfer of Application
(PCT Transfers(W1,W4),EPO National Application Transfers, etc)

Grant Level:

- ☒ Grant to Application
- ☒ Reissue of Grant

Post-Grant Level:

- ☐ Post-Issuance to Grant
- ☐ Re-exam of Grant
- ☐ Certificate of Correction to Grant
- ☒ EP National Transfers (R1,R4) based on EP Regional Grant
- ☒ National Level Translations (T) based on EP Grant

Other Family Member Types:

- ☒ Technical Equivalent Family Member



25/33

FIG. 26

Current Folder: \\aos\companyname\smith\competitors\Lilly\	
Object: Custom.family.expander	Views Tools Execute
<p align="center">PATENT FAMILY EXPAND OBJECT DOCUMENT INCLUSION VIEW</p> <p>Upstream (Input) List: \\aos\companyname\Public Folders\R&D\newproj</p> <p>Downstream (Output) List: \\aos\companyname\Public Folders\R&D\newproj.expand</p>	
<p>Document Types to Include:</p> <p><input type="checkbox"/> Pseudo-Documents</p> <p><input checked="" type="checkbox"/> Primary Patent Documents</p> <p><input type="checkbox"/> Secondary Patent Documents</p>	
<p>Standard Family Definition:</p> <p><input type="radio"/> Inpadoc Family</p> <p><input type="radio"/> Derwent Family</p>	<p>Custom Family Definition:</p> <p><input checked="" type="radio"/> Identical Priority Family</p> <p><input type="radio"/> Priority-in-Common Family</p>
<p>Components for Custom Family Definitions:</p> <p>Application Level:</p> <p><input checked="" type="checkbox"/> Application to Priority</p> <p><input type="checkbox"/> Continuation in Part to Application</p> <p><input type="checkbox"/> Post-Issuance to Application (Supplemental Search Reports, Corrections, etc)</p> <p><input checked="" type="checkbox"/> Transfer of Application (PCT Transfers(W1,W4), EPO National Application Transfers, etc)</p> <p>Grant Level:</p> <p><input checked="" type="checkbox"/> Grant to Application</p> <p><input checked="" type="checkbox"/> Reissue of Grant</p> <p>Post-Grant Level:</p> <p><input type="checkbox"/> Post-Issuance to Grant</p> <p><input type="checkbox"/> Re-exam of Grant</p> <p><input type="checkbox"/> Certificate of Correction to Grant</p> <p><input checked="" type="checkbox"/> EP National Transfers (R1,R4) based on EP Regional Grant</p> <p><input checked="" type="checkbox"/> National Level Translations (T) based on EP Grant</p> <p>Other Family Member Types:</p> <p><input checked="" type="checkbox"/> Technical Equivalent Family Member</p>	
<p>Save Execute</p>	

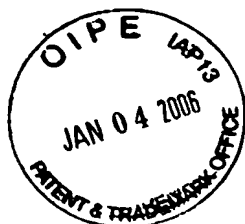
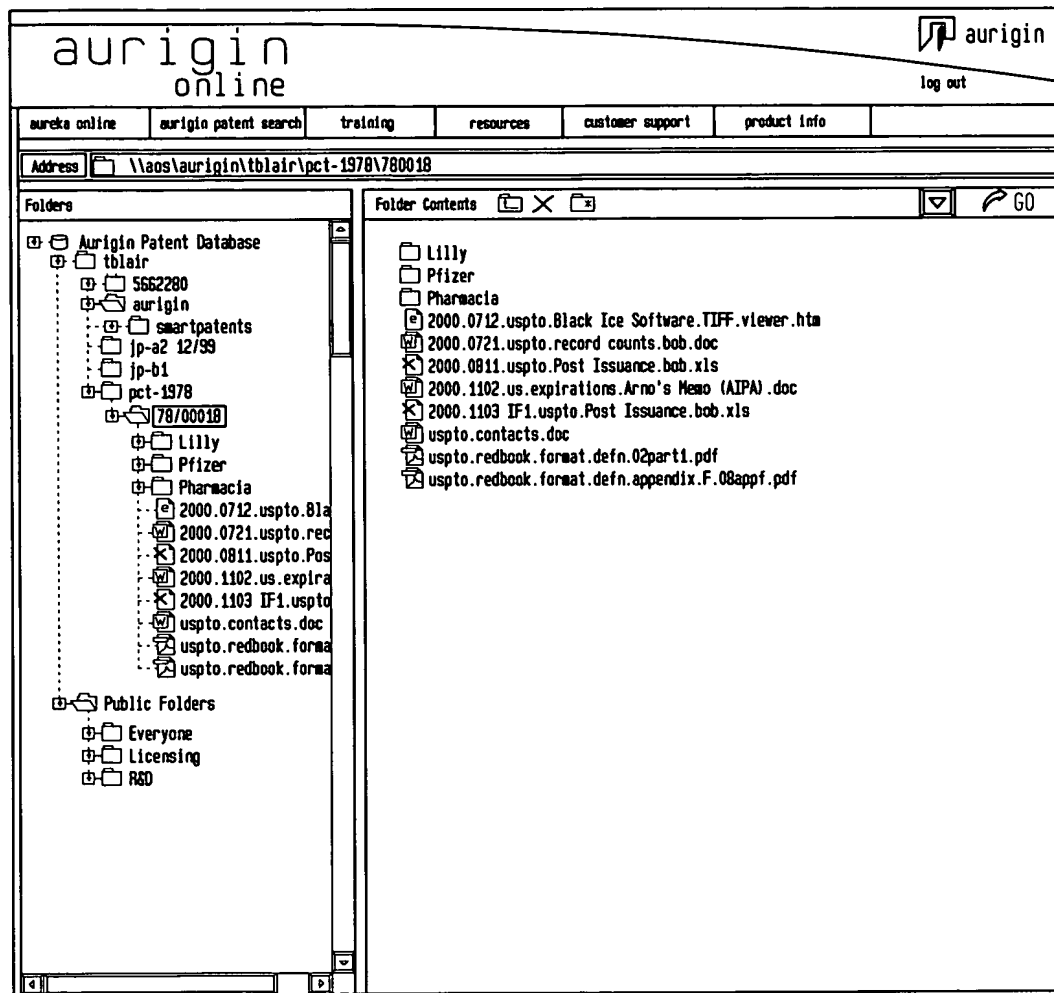
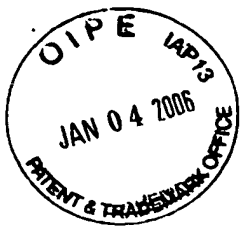


FIG. 27





27/33

FIG. 28

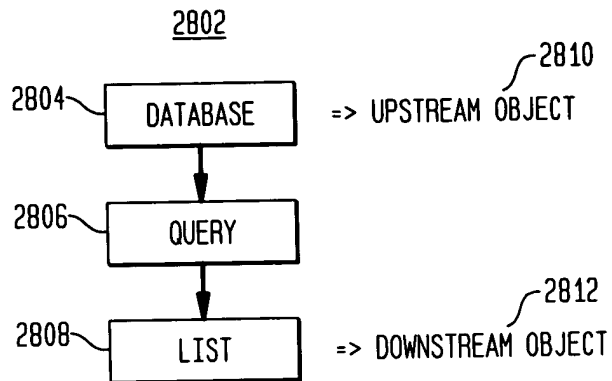


FIG. 29

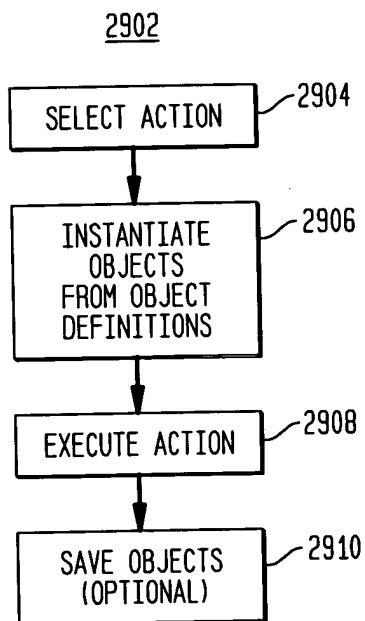
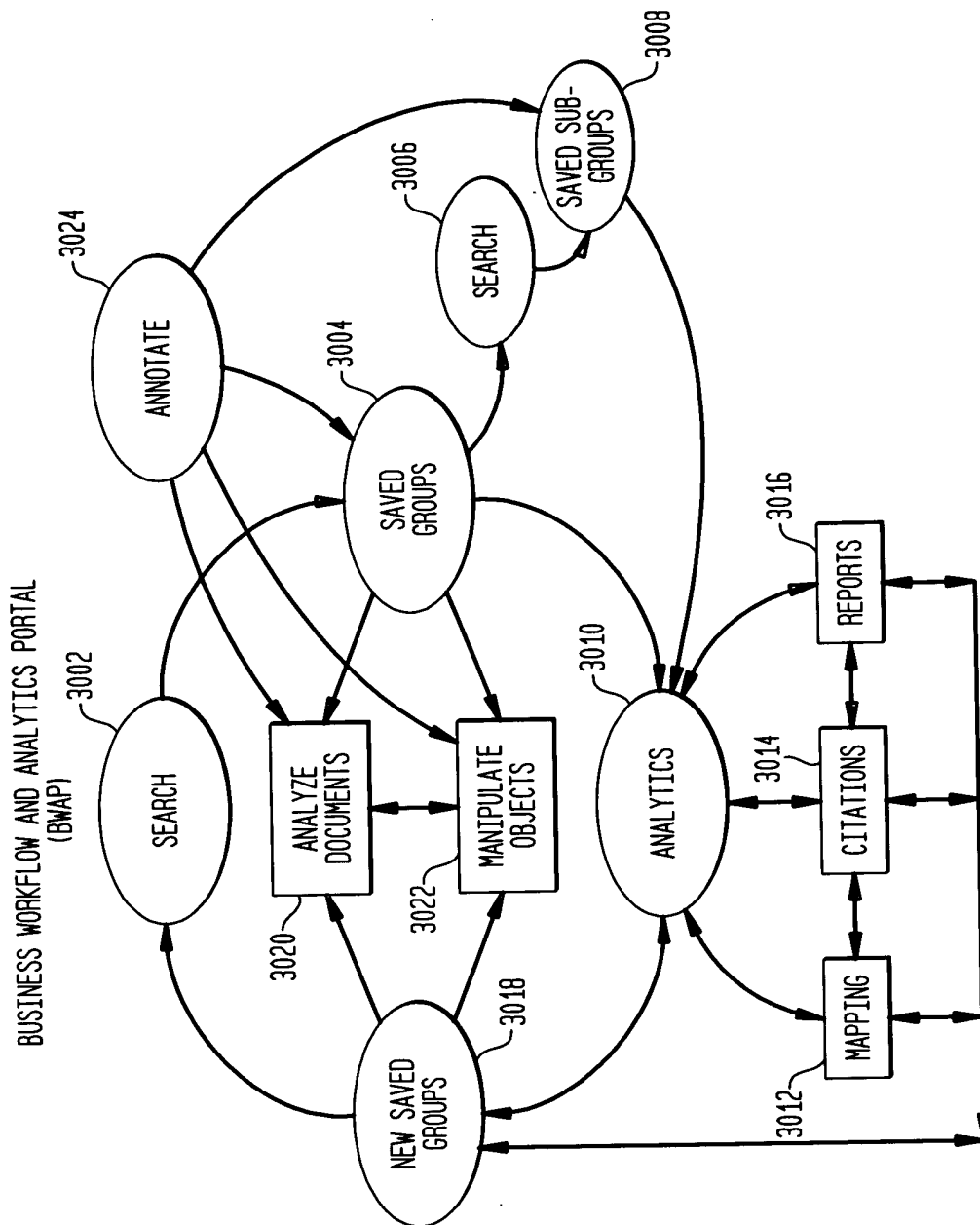




FIG. 30





29/33

FIG. 31

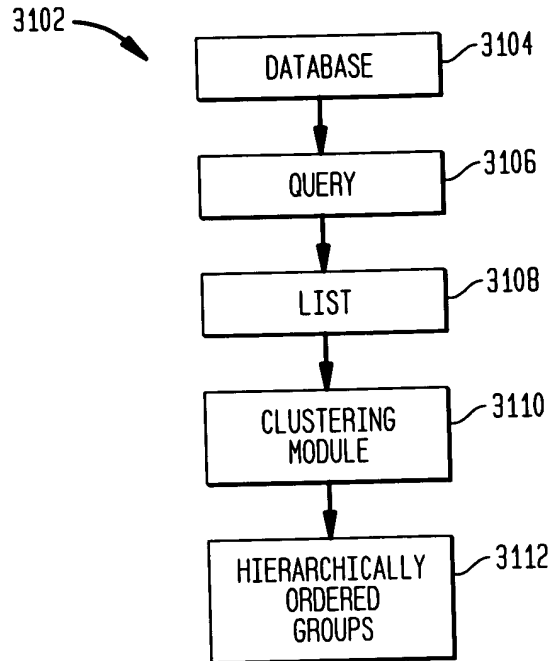
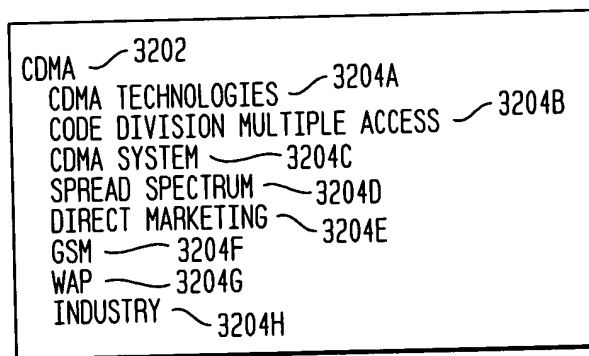


FIG. 32





30/33

FIG. 33

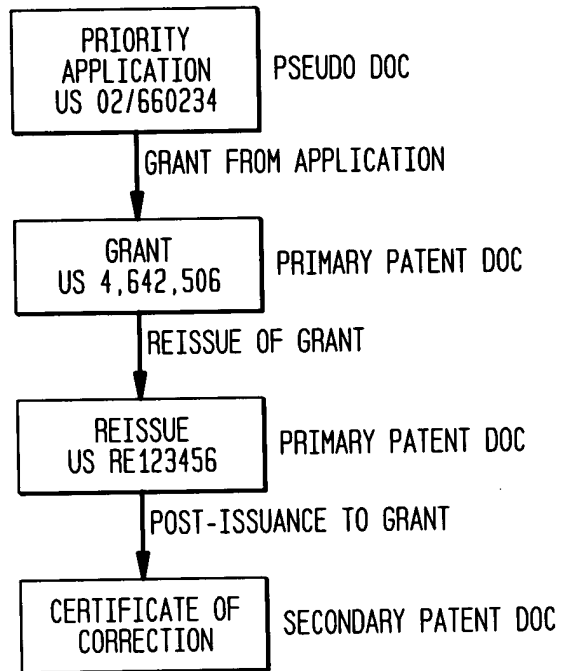


FIG. 34

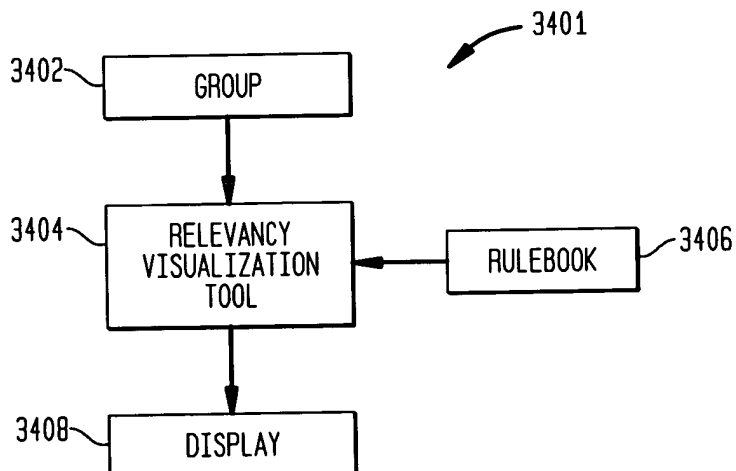




FIG. 35

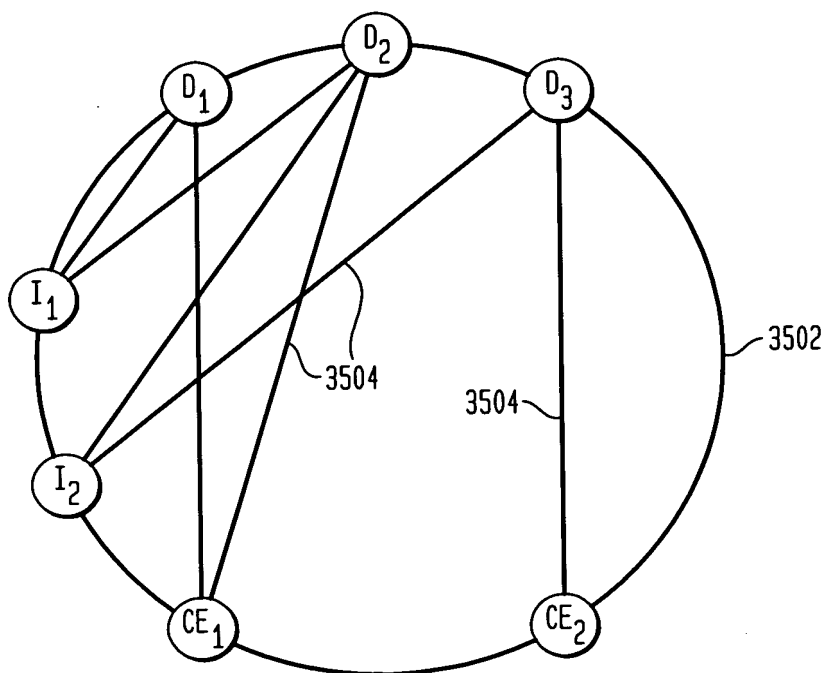
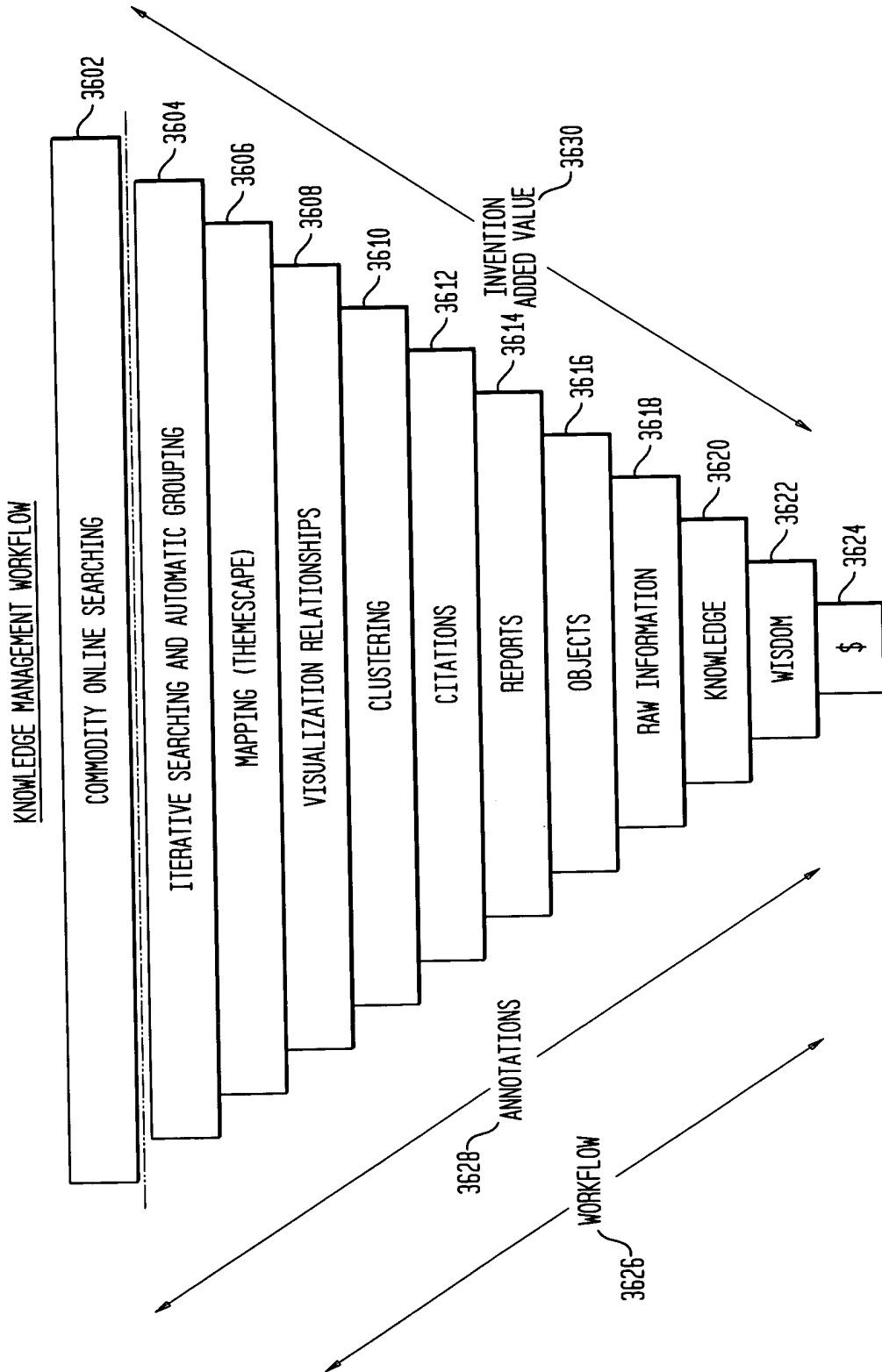




FIG. 36



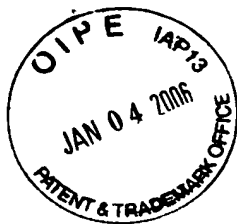


FIG. 37

